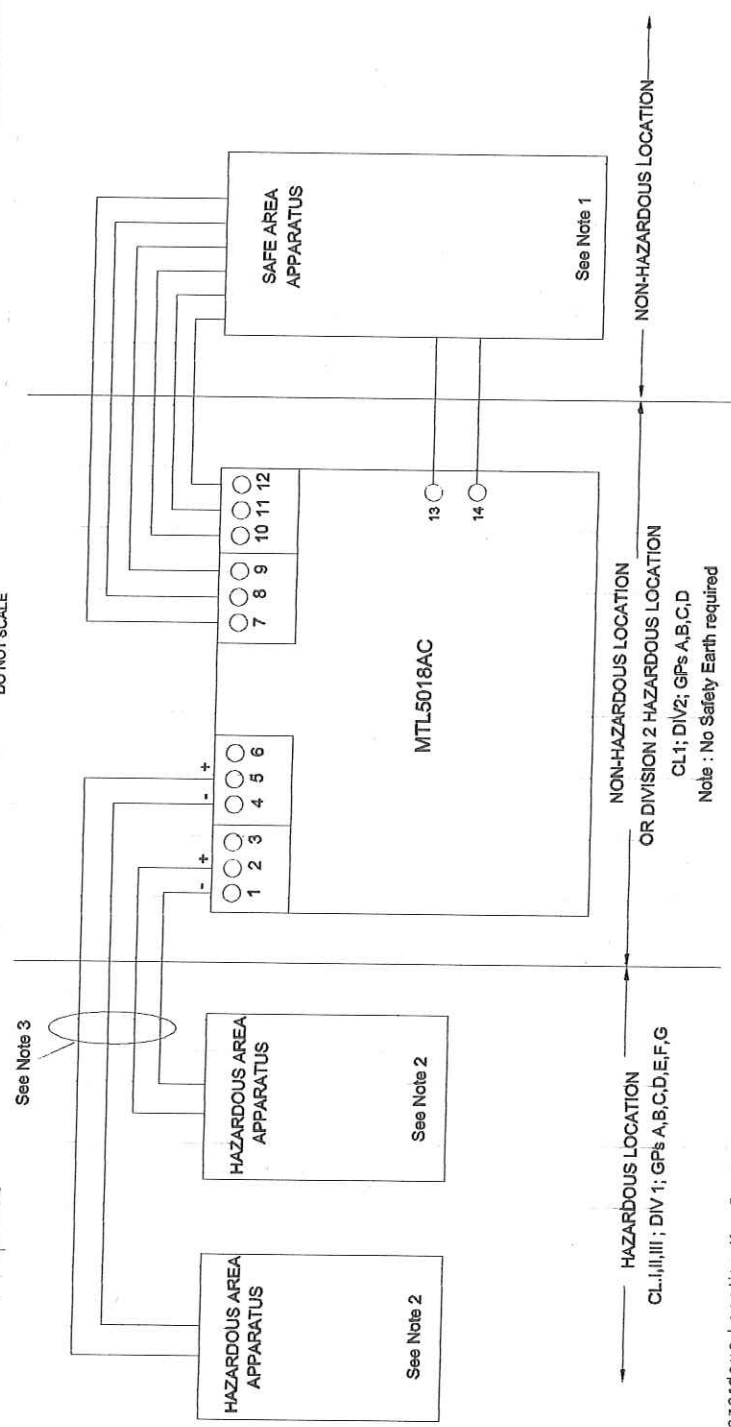


THIRD ANGLE PROJECTION

DO NOT SCALE

DIMENSIONS IN mm



Note 1:
The Non-Hazardous Location (for Control Room) equipment must not generate or use more than 250V r.m.s.

Note 2:
The Hazardous location equipment may be switches or thermocouples. Other apparatus such as RTD's LED's and non-inductive resistors may also be used if the auto ignition temperatures of the hazardous location is greater than T4 (275°F or 135°F). Certified devices with the correct entity Concept Parameters may also be used

Note 3:
Entity concept Parameters for each channel of the MTL5018AC is channel 1 (Terminals 1 & 2), channel 2 (Terminals 4 & 5) are as follows:-

Terminal 1 w.r.t.2/3	Voc ≤ 10.5V	Isc ≤ 14mA
Terminal 4 w.r.t.5/6	Voc ≤ 10.5V	Isc ≤ 14mA

Groups A,B	Ca ≤ 2.4μF	La ≤ 165mH
Groups C,E	Ca ≤ 7.2μF	La ≤ 495mH
Groups D,F,G	Ca ≤ 19.2μF	La ≤ 1000mH

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Note 4
For guidance on the installation see ANSI /ISA RP12.6

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B	08.02	GS	NTS	Tolerance N/A			Dwg. No MTL/SCI50-018-11

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THIRD ANGLE PROJECTION



DO NOT SCALE

DIMENSIONS IN mm

Note 5

The MTL5018AC is associated apparatus and when mounted in the appropriate enclosure (See notes 6 and 7) is suitable for installation in the following area:-

Non-Hazardous Locations

- Class I , Division 2, Groups A,B,C and D , Hazardous Locations
- Class II , Division 2, Groups F and G , Hazardous Locations
- Class III , Division 2, Hazardous Locations

Note 6

Associated Apparatus must be installed in accordance with the National Electric code in an enclosure meeting the requirements of ANSI/ISA-S82

Note 7

Use FM approved or NRTL Listed dust-ignition proof enclosure(s). Appropriate for the environmental protection in class II, Division 2, Groups F and G; Class III, Division 2 Hazardous Locations.

Note 8

When the MTL5018AC is installed in Division 2 Hazardous locations, a warning label must be prominently affixed near the unit(s) which warns that the MTL5018AC must not be removed or inserted unless the area is known to be non-hazardous.

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B	08.02	GS	NW	Scale NTS Tolerance N/A			MTL5018AC SWITCH.PROX. DETECTOR INTERFACE INSTALLATION DIAGRAM	MTL/SCI60-018-11	

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